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1643

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/339,103

DATE: 08/16/1999
TIME: 17:11:40

INPUT SET: S32949.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: PBO, Svante
KILGER, Christian

(ii) TITLE OF INVENTION: Method for uncoupled, direct, exponential
amplification and sequencing of DNA molecules with the addition of
second thermostable DNA polymerase and its application

(iii) NUMBER OF SEQUENCES: 5

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
(B) STREET: 655 Fifteenth Street, N.W.; Suite 330
(C) CITY: Washington
(D) STATE: D.C.
(E) COUNTRY: U.S.A.
(F) ZIP: 20005-5701

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA

(A) APPLICATION NUMBER: 09/339,103
(B) FILING DATE: 24-JUN-1999
(C) CLASSIFICATION:

(vi) PRIOR APPLICATION DATA

(A) APPLICATION NUMBER: DE 196 53 494.1
(B) FILING DATE: 20-DEC-1996
(C) CLASSIFICATION:

(vi) PRIOR APPLICATION DATA

(A) APPLICATION NUMBER: 08/991,184
(B) FILING DATE: 16-DEC-1997
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Wong, King L.

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MAR 22 2000
TC 1500 MAIL ROOM

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/339,103DATE: 08/16/1999
TIME: 17:11:41

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47 (B) REGISTRATION NUMBER: 37,500
48 (C) REFERENCE DOCKET NUMBER: 1614-8090
49
50 (ix) TELECOMMUNICATION INFORMATION:
51 (A) TELEPHONE: (202) 638-5000
52 (B) TELEFAX: (202) 638-4810
53
54 (2) INFORMATION FOR SEQ ID NO: 1:
55
56 (i) SEQUENCE CHARACTERISTICS:
57 (A) LENGTH: 25 base pairs
58 (B) TYPE: nucleic acid
59 (C) STRANDEDNESS: single
60 (D) TOPOLOGY: linear
61
62 (ii) MOLECULE TYPE: other nucleic acid
63 (A) DESCRIPTION: /desc = "oligonucleotide"
64
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
66
67 GGCTGGTCCT GCCGCTGCTT GTCAT
68
69 (2) INFORMATION FOR SEQ ID NO: 2:
70
71 (i) SEQUENCE CHARACTERISTICS:
72 (A) LENGTH: 27 base pairs
73 (B) TYPE: nucleic acid
74 (C) STRANDEDNESS: single
75 (D) TOPOLOGY: linear
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77 (ii) MOLECULE TYPE: other nucleic acid
78 (A) DESCRIPTION: /desc = "oligonucleotide"
79
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
81
82 CTGCTCCCCA GTGGATCGGG TGTAAC
83
84 (2) INFORMATION FOR SEQ ID NO: 3:
85
86 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH: 27 base pairs
88 (B) TYPE: nucleic acid
89 (C) STRANDEDNESS: single
90 (D) TOPOLOGY: linear
91
92 (ii) MOLECULE TYPE: other nucleic acid
93 (A) DESCRIPTION: /desc = "oligonucleotide"
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95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
96
97 CACCTTTGGG GTGGTGACAA GTGTGAT
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99 (2) INFORMATION FOR SEQ ID NO: 4:

25

27

27

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/339,103DATE: 08/16/1999
TIME: 17:11:42

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101

(i) SEQUENCE CHARACTERISTICS:

102

(A) LENGTH: 24 base pairs

103

(B) TYPE: nucleic acid

104

(C) STRANDEDNESS: single

105

(D) TOPOLOGY: linear

106

107

(ii) MOLECULE TYPE: other nucleic acid

108

(A) DESCRIPTION: /desc = "oligonucleotide"

109

110

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

111

112

CGACGTTGTA AAACGACGGC CAGT

24

113

114

(2) INFORMATION FOR SEQ ID NO: 5:

115

116

(i) SEQUENCE CHARACTERISTICS:

117

(A) LENGTH: 17 base pairs

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(B) TYPE: nucleic acid

119

(C) STRANDEDNESS: single

120

(D) TOPOLOGY: linear

121

122

(ii) MOLECULE TYPE: other nucleic acid

123

(A) DESCRIPTION: /desc = "oligonucleotide"

124

125

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

126

127

CAGGAAACAG CTATGAC

17

128

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/339,103

DATE: 08/16/1999
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